

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 6-8-00 are:

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):
— Black ink. Color. <u>Fig(s) _____</u>	— Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. <u>Fig(s) _____</u>
— Color drawings are not acceptable until petition is granted. <u>Fig(s) _____</u>	9. SCALE. 37 CFR 1.84(m):
— Pencil and non black ink not permitted. <u>Fig(s) _____</u>	— Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. <u>Fig(s) _____</u>
2. PHOTOGRAPHS. 37 CFR 1.84 (b):	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i):
— 1 full-tone set is required. <u>Fig(s) _____</u>	— Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). <u>Fig(s) _____</u>
— Photographs not properly mounted (must use bristol board or photographic double-weight paper). <u>Fig(s) _____</u>	— Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. <u>Fig(s) _____</u>
— Poor quality (half-tone). <u>Fig(s) _____</u>	11. SHADING. 37 CFR 1.84(m):
3. TYPE OF PAPER. 37 CFR 1.84(e):	— Solid black areas pale. <u>Fig(s) _____</u>
— Paper not flexible, strong, white, and durable. <u>Fig(s) _____</u>	— Solid black shading not permitted. <u>Fig(s) _____</u>
— Mylar, vellum paper is not acceptable (too thin). <u>Fig(s) _____</u>	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p):
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	— Numbers and reference characters not plain and legible. <u>Fig(s) _____</u>
— 21.0 cm by 29.7 cm (DIN size A4)	— Figure legends are poor. <u>Fig(s) _____</u>
— 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	— Numbers and reference characters not oriented in the same direction as the view. <u>Fig(s) _____</u>
— All drawing sheets not the same size. <u>Fig(s) _____</u>	— English alphabet not used. <u>Fig(s) _____</u>
— Sheet(s) <u>_____</u>	— Fig(s) _____
— Drawings sheets not an acceptable size. <u>Fig(s) _____</u>	— Margins not acceptable. <u>Fig(s) _____</u>
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	— Margins not acceptable. <u>Fig(s) _____</u>
— Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm	— SIZE: A4 Size
— SIZE: 8 1/2 x 11	— Top (T) <u>_____</u> Left (L) <u>_____</u> Right (R) <u>_____</u> Bottom (B) <u>_____</u>
— Margins not acceptable. <u>Fig(s) _____</u>	6. VIEWS. 37 CFR 1.84(h):
— Top (T) <u>_____</u> Left (L) <u>_____</u> Right (R) <u>_____</u> Bottom (B) <u>_____</u>	REMINDER: Specification may require revision to correspond to drawing changes.
— Partial views. 37 CFR 1.84(h)(2)	Partial views. 37 CFR 1.84(h)(2)
— Brackets needed to show figure as one entity. <u>Fig(s) _____</u>	— Brackets needed to show figure as one entity. <u>Fig(s) _____</u>
— Views not labeled separately or properly. <u>Fig(s) _____</u>	— Views not labeled separately or properly. <u>Fig(s) _____</u>
— Enlarged view not labeled separately or properly. <u>Fig(s) _____</u>	— Enlarged view not labeled separately or properly. <u>Fig(s) _____</u>
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3):	8. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3):
— Hatching not indicated for sectional portions of an object. <u>Fig(s) _____</u>	— Hatching not indicated for sectional portions of an object. <u>Fig(s) _____</u>
— Sectional designation should be noted with Arabic or Roman numbers. <u>Fig(s) _____</u>	— Sectional designation should be noted with Arabic or Roman numbers. <u>Fig(s) _____</u>
COMMENTS	

REVIEWER JL DATE 7-31-00 TELEPHONE NO. 703 305 6430ATTACHMENT TO PAPER NO. 10

35. AVAILABLE COPY

Attachment for PTO-948 (Rev. 03/01, or earlier)

6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.